

**FIG. 1**

WORD NUMBER (16 BITS)	DESCRIPTION	VALUE
1	FUNCTIONAL AREA ID	UNIQUE IDENTIFIER OF COMPONENT
2	MESSAGE TYPE	REGISTRATION (0x7)
3	UPPER WORD OF TRANSACTION ID	0
4	LOWER WORD OF TRANSACTION ID	0
5	UPPER WORD OF MESSAGE LENGTH	0
6	LOWER WORD OF MESSAGE LENGTH	
7	CAN HEADER	DESCRIBED BELOW
8-10	DATA	DESCRIBED BELOW

SOFTWARE COMPONENT  
REGISTRATION MESSAGE (HEADER)

FIG. 2A

BYTE NUMBER (8 BITS)	DESCRIPTION	VALUE
1	DEVICE ID MESSAGE OPCODE	BITS 7-6=0 BITS 5-0=0x7
2	DEVICE TYPE, DEVICE NUMBER	BITS 7-4=0xF (UNUSED) BITS 3-0=0xF (UNUSED)

CAN HEADER FOR SOFTWARE  
COMPONENT REGISTRATION MESSAGE

FIG. 2B

BYTE NUMBER (8 BITS)	DESCRIPTION	VALUE
1	DEVICE TYPE REGISTERING FOR	DEVICE TYPE
2	DEVICE CAPACITY	NUMBER OF DEVICES IN DATA BYTE 2 WHICH COMPONENT CAN CONTROL
3-6	CHANNEL HANDLE (32 BITS)	CHANNEL HANDLE TO WHICH DEVICE MESSAGES ARE PUBLISHED TO

DATA FOR SOFTWARE COMPONENT  
REGISTRATION MESSAGE

FIG. 2C

VALUE	MESSAGE TYPE
0x1	ALARM
0x2	COMMAND
0x3	ACKNOWLEDGE
0x4	STATISTIC
0x5	DOWNLOAD
0x6	MMI
0x7	REGISTRATION

**FIG. 3**

FRAME ID BITS 15, 14	MESSAGE OPCODE BITS 13-8	DEVICE TYPE BITS 7-4	DEVICE NUMBER BITS 3-0
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**FIG. 4A**

BYTE NUMBER (8-BITS)	DESCRIPTION	VALUE
1	FRAME ID, MESSAGE OPCODE	BITS 7,6=FRAME ID BITS 5-0=MSG. OPCODE
2	DEVICE TYPE, DEVICE NUMBER	BITS 7-4=DEVICE TYPE BITS 3-0=DEVICE NUMBER

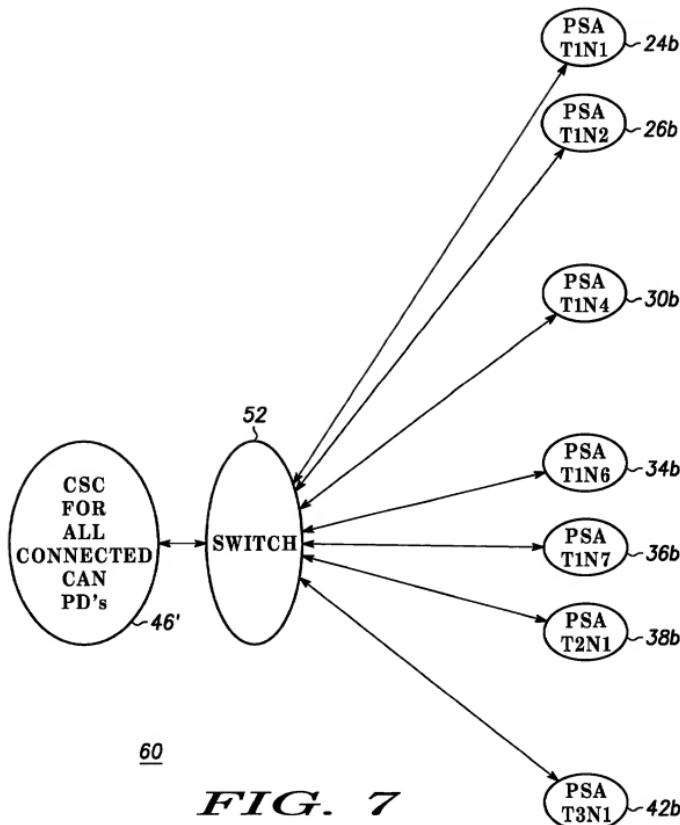
**CAN HEADER****FIG. 4B**

MESSAGE TYPE BITS 10-7	DEVICE TYPE BITS 6-3	RESERVED BITS 2-0
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**FIG. 5**

FRAME ID	DESCRIPTION
0x2	START FRAME
0x0	MID FRAME
0x3	END FRAME

**FIG. 6**



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**FIG. 7**

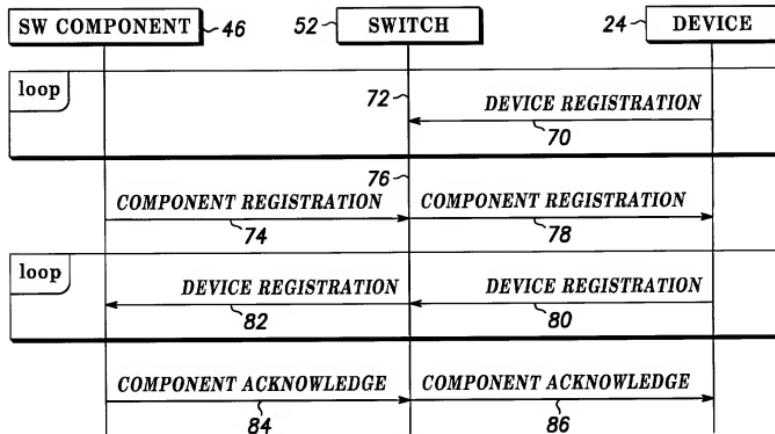


FIG. 8

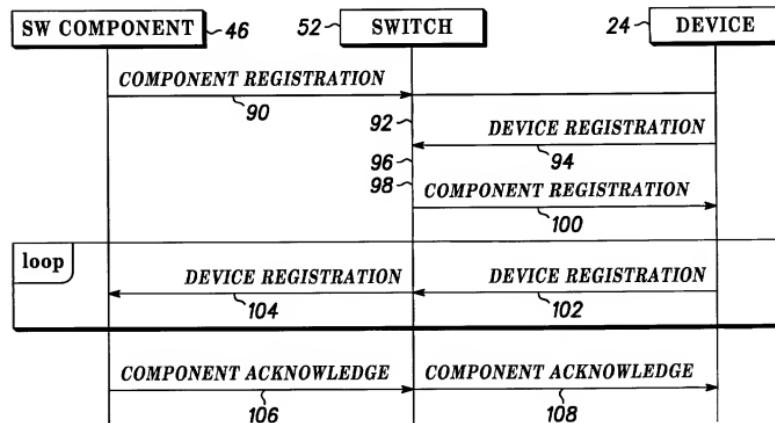
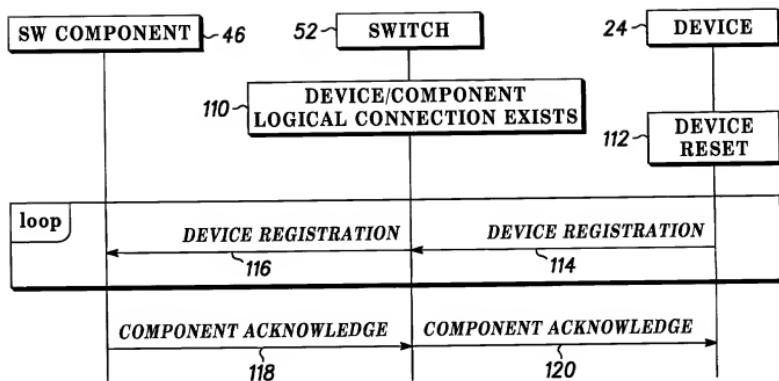
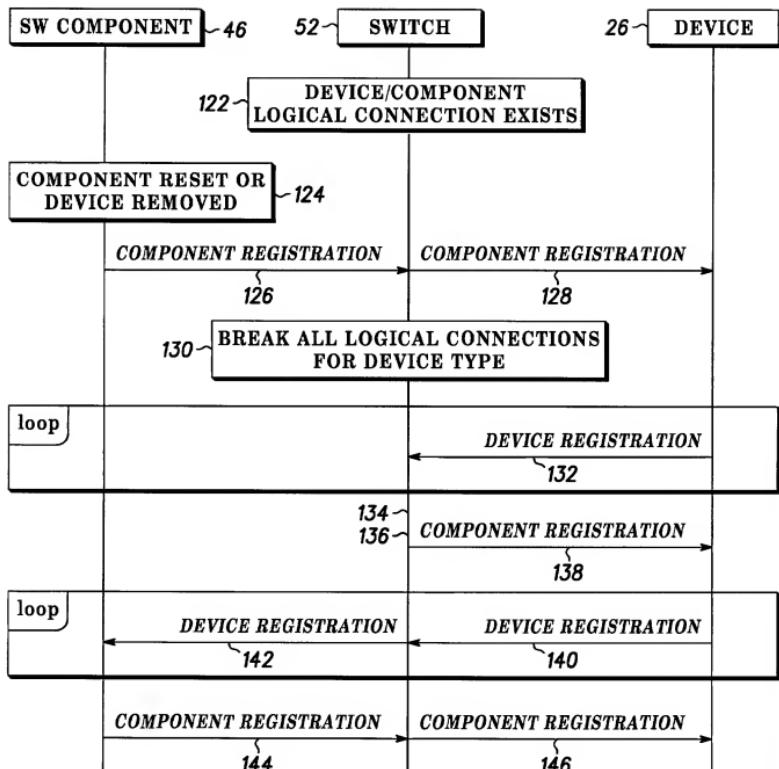


FIG. 9



**FIG. 10**



**FIG. 11**